BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Providing Missing covering Slab at Muneshwara Block, V[illegible]nanna Layout and Kallappa Layout in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.**

							Estimate Cost:		**2500000.00**
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 142 / Item No. 19.1 / PWD SR 2016-17**	Cum							
	Desilting of Drain Muneshwara Block 4th Cross		2	80.00	0.60	0.25	24.00		
	5th Cross		2	80.00	0.60	0.25	24.00		
	2nd Cross		2	80.00	0.60	0.25	24.00		
	Basappa Road		1	100.00	0.60	0.25	15.00		
	RR School Opp Road		2	90.00	0.60	0.25	27.00		
	Gopalappa Layout 7th Cross		2	93.00	0.60	0.25	27.90		
	Basic Rate	82.00					**141.90**	199.36	**28290.00**
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 33.51	38.08							
		188.08							
	Area Weightage @ 6%	11.28							
	Total	**199.36**							
2	KSRB 4-1.6 : Providing and laying in position plain cement concrete of **mix 1:2:4 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. **No. 12/ Item No. 4.6 / PWD SR 2016-17**	Cum							
	Vent								
	Muneshwara Block 4th Cross		2	80.00	0.60	0.075	7.20		
	5th Cross		2	80.00	0.60	0.075	7.20		
	2nd Cross		2	80.00	0.60	0.075	7.20		
	Basappa Road		1	100.00	0.60	0.075	4.50		
	RR School Opp Road		2	90.00	0.60	0.075	8.10		
	Gopalappa Layout 7th Cross		2	93.00	0.60	0.075	8.37		
	Ramp								
	Muneshwara Block 4th Cross		2	80.00	0.30	0.12	5.76		
	5th Cross		2	80.00	0.30	0.12	5.76		
	2nd Cross		2	80.00	0.30	0.12	5.76		
	Basappa Road		1	100.00	0.30	0.12	3.60		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	RR School Opp Road		2	90.00	0.30	0.12	6.48		
	Gopalappa Layout 7th Cross		2	93.00	0.30	0.12	6.70		
	Basic Rate	5441.00					**76.63**	5767.46	**441937.00**
	Area Weightage @ 6%	326.46							
	Total	**5767.46**							
3	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 18 / Item No. 4.48 / PWD SR 2016-17**	Cum							
	Muneshwara Block 4th Cross		2x2	80.00	0.15	0.15	7.20		
	5th Cross		2x2	80.00	0.15	0.15	7.20		
	2nd Cross		2x2	80.00	0.15	0.15	7.20		
	Basappa Road		2	100.00	0.15	0.15	4.50		
	RR School Opp Road		2x2	90.00	0.15	0.15	8.10		
	Gopalappa Layout 7th Cross		2x2	93.00	0.15	0.15	8.37		
	Basic Rate	5879.00					**42.57**	6231.74	**265285.00**
	Area Weightage @ 6%	352.74							
	Total	**6231.74**							
4	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15 / Item No. 4.31 / PWD SR 2016-17**	Sqm							
	Muneshwara Block 4th Cross		4x2	80.00		0.15	96.00		
	5th Cross		4x2	80.00		0.15	96.00		
	2nd Cross		4x2	80.00		0.15	96.00		
	Basappa Road		4	100.00		0.15	60.00		
	RR School Opp Road		4x2	90.00		0.15	108.00		
	Gopalappa Layout 7th Cross		4x2	93.00		0.15	111.60		
	Basic Rate	293.00					**567.60**	310.58	**176285.00**
	Area Weightage @ 6%	17.58							
	Total	**310.58**							
5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick **Page No. 25 / Item No. 5.31.1/ PWD SR 2016-17**	Sqm							
	Muneshwara Block 4th Cross		2	80.00		0.90	144.00		
	5th Cross		2	80.00		0.90	144.00		
	2nd Cross		2	80.00		0.90	144.00		
	Basappa Road		1	100.00		0.90	90.00		
	RR School Opp Road		2	90.00		0.90	162.00		
	Gopalappa Layout 7th Cross		2	93.00		0.90	167.40		
	Basic Rate	628.00					**851.40**	665.68	**566760.00**
	Area Weightage @ 6%	37.68							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Total	**665.68**							
6	KSRB 5-9: Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13 **Page No. 24 / Item No. 5.22 / PWD SR 2016-17**	m							
			1577	3.00			**4730.00**	37.10	**175483.00**
	Basic Rate	35.00							
	Area Weightage @ 6%	2.10							
	Total	**37.10**							
7	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5-1.13 **Page No. 24 / Item No. 5.18 / PWD SR 2016-17**	Sqm							
	Desilting of Drain Nanjappa Layout		Qty Vide Item No. 5				851.40		
	Basic Rate	909.00					**851.40**	963.54	**820358.00**
	Area Weightage @ 6%	54.54							
	Total	**963.54**							
	Sub Total								**2474398.00**
	For Third Part QC inspection Charges @ 1%								**24744.00**
	Miscellaneous and other Charges	L/S							**858.00**
								Total	**2500000.00**
Rupees Twenty Five Lakh(s) Only									

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2016-17.
3 This work included under 2015-16 POW Grants.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

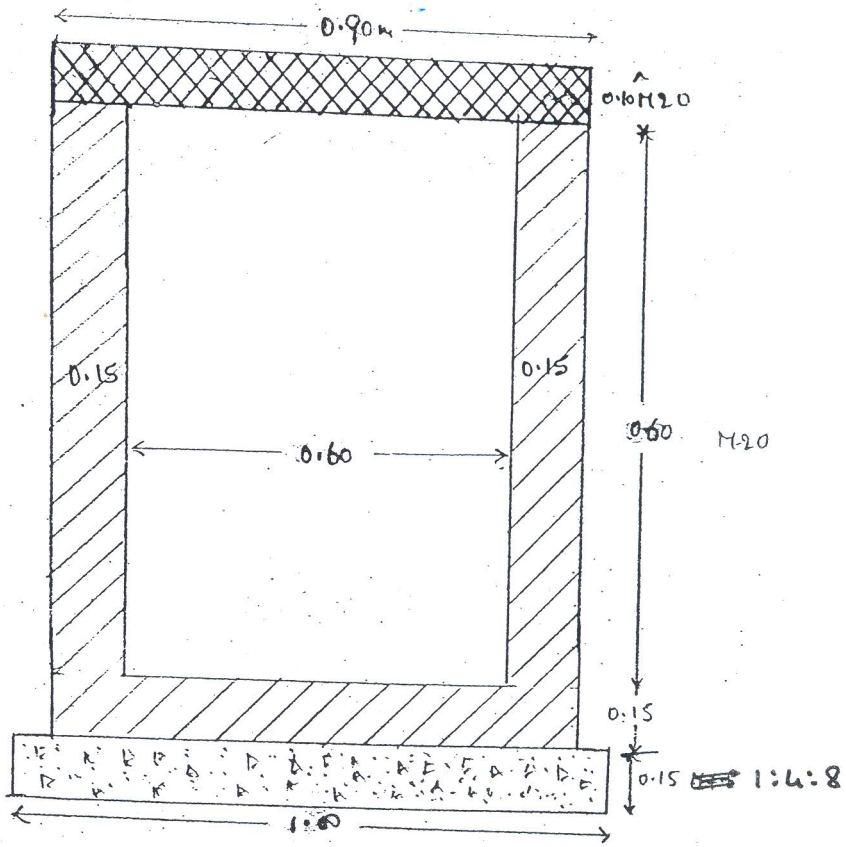
Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidayranyapura Sub Division

Executive Engineer 12/01
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
12/01

Administrative Approval
Accorded For 25.00 lakh Rs.
Head of A/C 1771
CER NO : 120 Dt: 12 01 17
TA CE (YNK)

Technical Sanction
Accorded For 25.00 lakh Rs.
Head of A/C 1771
CER NO : 103 Dt: 12 01 17
TA CE (YNK)



CROSS SECTION OF CC DRAIN

Jadhav
AE

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97